

# Mukund Agarwal

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📍 | Vellore

## EDUCATION

- Vellore Institute of Technology, Vellore** **CGPA: 8.34**  
Bachelors in Computer Science with specialization in Information Security 2021- 2025
- Mount Carmel Sr. Sec. School** **XII: 97%**  
Indian School Certificate (ISC) 2021
- Mount Carmel Sr. Sec School** **X:93.2%**  
Indian Certificate of Secondary Education (ICSE) 2019

## PROFESSIONAL EXPERIENCE

- Research Intern** **June 2024 - July 2024 | New Delhi**  
DRDO  
Co-authored paper on Android APK security, analyzing 50+ APKs. Identified critical vulnerabilities in 20% of samples. Contributed to mobile cybersecurity research.
- Management Intern** **June 2022 – July 2022 | Remote**  
Radiant Hunters Esports  
Boosted player engagement by 25% through tournament management and talent scouting. Enhanced team performance and retention. Developed project management and communication skills.

## PROJECTS

- Electronic Voting System**  
Developed and deployed a smart contract voting system using Truffle, Ganache, and Solidity, achieving a 45% reduction in vote processing time through automated validation and tallying. Enhanced security and data retrieval speed with on-chain voter data storage. Integrated MetaMask for a user-friendly interface, boosting voter engagement by 25%.

## LEADERSHIP AND VOLUNTARY EXPERIENCE

- Drill Instructor – Cadet** **Nov 2022 – Aug 2024**  
National Cadet Corps (NCC)  
With an 'A' Grade in the NCC "B" Certificate, I've completed over 100 hours of training, instructing 100+ cadets in leadership, drill techniques, and weapon handling enhancing my leadership, teamwork, and crisis management skills.
- Secretary** **Jan 2023 – Jan 2024**  
IEEE - Power and Energy Society (PES)  
Coordinated 10+ events and managed communications for 200+ members.
- Social Worker** **Nov 2023 – Dec 2023**  
Motherland International Foundation  
As a volunteer, I engaged in organizing social awareness programs, supporting educational initiatives for underprivileged children, promoting environmental sustainability, and contributing to health and welfare activities for communities.
- Core Committee Member** **Apr 2022 – Apr 2023**  
Association of Energy Engineers (AEE)
- Core Committee Member** **Apr 2022 – Apr 2023**  
Digit SQUAD VIT Vellore
- Core Committee Member** **Apr 2022 – Apr 2023**  
Energy And Environment Protection Club VIT (E2PC)

## CERTIFICATIONS

- Software Engineer Intern - HackerRank
- Programming for Everybody (Getting Started with Python) - University of Michigan (Coursera)
- Innovation, Business Models and Entrepreneurship - NPTEL
- Java Data Structures and Algorithms Masterclass - Udemy
- Software Security - University of Maryland (Coursera)

## SKILLS SUMMARY

- Languages:** Python, Java (Preferred), MySQL
- Tools:** Cisco Packet Tracer, Virustotal, PE Studio, Wireshark, Kali Linux, MS office, Nmap, Google Suite, StarUML, MATLAB, GitHub.
- Soft Skills:** Leadership, Event Management, Problem solving, Analytical Skills
- Technical Skills:** Threat Analysis, Data Automation, Optimizing Process Model, OOPs, Computer Networks, DBMS, Cryptography & Network Security, DSA, Operating System, IDE (VS Code).
- Hobbies:** Badminton, Football, Social Work, creating models, Travelling.